# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S4 | 2139 | bard.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/19 07:22 |
| S7 | 4110 | catheter near (divid$3 or protect$4 or split$4 or separat$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 07:40 |
| S8 | 1813 | S7 and (catheter.ti.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 07:56 |
| S9 | 718 | catheter adj sleeve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 07:56 |
| S10 | 47 | catheter adj sleeve.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 07:57 |
| S11 | 130 | catheter adj sheath.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/07 14:55 |
| S12 | 3 | (S11 or S10) and ("split tip" or "dual lumen" or "multi lumen" or split$2tip or dual$2lumen or multi$2lumen) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:27 |
| S14 | 496 | S7 and storage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:07 |
| S15 | 1 | S14 and ((knit or fuse) With problem) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:07 |

| S16 | 99 | S14 and (knit$4 or fus$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:11 |
|---|---|---|---|---|---|---|
| S17 | 144 | (hose or wire) adj (divider or separater) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:14 |
| S19 | 728 | "prevent knitting" or "prevent fusing" or "prevent from knitting" or "prevent from fusing" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:21 |
| S20 | 12 | S19 and catheter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:17 |
| S24 | 4702 | (prevent$3 near4 knitting) or (prevent$3 near4 fusing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:32 |
| S25 | 62 | S24 and catheter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:23 |
| S27 | 34174 | (prevent$3 near4 knitting) or (prevent$3 near4 fusing) or (prevent$3 near4 adhering) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:33 |
| S28 | 447 | S27 and catheter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:37 |
| S29 | 32 | S28 and (split$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/18 08:39 |
| S31 | 2 | ("20060293696").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 08:41 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S32 | 20 | (("6290710") or ("2004082968") or ("2004220612") or ("2005018728") or ("3002018")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/26 08:45 |
| S33 | 2 | ("6871740").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 08:44 |
| S34 | 13 | (("3750875") or ("5131537") or ("5215527") or ("5318517") or ("5385624") or ("6589212")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 08:51 |
| S35 | 2 | ("4769876").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 08:59 |
| S36 | 2957 | ((24/18) or (248/68.1)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 09:03 |
| S39 | 2 | ("4938220").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 09:34 |
| S40 | 2 | ("4397641").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 09:55 |
| S42 | 18 | (("20050103949") or ("20050077436") or ("20050006534") or ("20040135039") or ("20040118982") or ("6458104") or ("6382568") or ("4988062") or ("20060237597")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 10:06 |
| S43 | 14 | (("6458104") or ("6382568") or ("4988062") or ("2004013509") or ("20040118982")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 11:42 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S45 | 2 | ("4163500").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 11:42 |
| S48 | 2067 | (248/68.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 16:03 |
| S51 | 1457 | (604/170,180,284,43).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/18 16:13 |
| S56 | 144 | (("2286462") or ("2910981") or ("3144868") or ("3460255") or ("4072153") or ("4134402") or ("4248224") or ("4309994") or ("4385631") or ("4405313") or ("4642101") or ("4490138") or ("4568329") or ("4692141") or ("4737141") or ("4804359") or ("4808155") or ("4820265") or ("4,895561") or ("4,925452") or ("4,951665") or ("5,041101") or ("5,098412") or ("5,100395") or ("5,120299") or ("5,120304") or ("5,156592") or ("5209723") or ("5221255") or ("5236016") or ("5254084") or ("5273534") or ("5279599") or ("5318517") or ("5338308") or ("5404320") or ("5405341") or ("5,458582") or ("5,476453") or ("5,509897") or ("5,569182") or ("5,599304") or ("5,624413") or ("5,685867") or ("5,713853") or ("5,718692") or ("5,720735") or ("5,776111") or ("5,785686") or ("5,797869") or ("5,800414") or ("5,807311") or ("5,807318") or ("5,891111") or ("5,904670") or ("5,947953") or ("5,957912") or ("5,989206") or ("6,001079") or ("6,099513") or ("6,156016") or ("6,190349") or ("6,210380") or ("6450988") or ("6482169") or ("20020099326") or ("6475207") or ("6494875") or ("200310097091")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/19 07:23 |

| S60 | 94 | (("20040167463") or ("20040243095") or ("20040249338") or ("20050054990") or ("20050113862") or ("20060064159") or ("20070005003") or ("4249536") or ("4307722") or ("4576589") or ("4581025") or ("4759378") or ("4790310") or ("4950257") or ("4957488") or ("4957489") or ("4994040") or ("4995865") or ("5015231") or ("5069664") or ("5176637") or ("5203776") or ("5215614") or ("5221255") or ("5234450") or ("5243995") or ("5300032") or ("5320602") or ("5351693") or ("5363853") or ("5386828") or ("5569218") or ("5632734") or ("5667514") or ("5792104") or ("5842994") or ("5897537") or ("5947953") or ("5972019") or ("6064905") or ("6066158") or ("6171275") or ("6183435") or ("6190349") or ("6228062") or ("6383205") or ("6450975") or ("6494891") or ("6786884") or ("7048695")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/26 14:53 |
| S61 | 2 | ("6758836").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/25 16:22 |
| S62 | 2 | ("6719135").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/25 16:22 |
| S63 | 15 | ("3633758" \| "4216860" \| "4713059" \| "4779727" \| "5344011" \| "5372254" \| "5392918" \| "5568865" \| "5738213" \| "5769222" \| "5848691" \| "5947284" \| "6047825" \| "6053313" \| "6068121").PN. OR ("6719135"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/25 16:23 |
| S64 | 6 | (("4779727") or ("5501341") or ("6053313") or ("4779727") or ("6053313")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/26 08:14 |

| S65 | 24 | "catheter packaging".ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:47 |
|---|---|---|---|---|---|---|
| S66 | 0 | S65 and ("split-tip" or "split tip") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:26 |
| S67 | 0 | S65 and ("dual lumen" or "dual-lumen") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:27 |
| S68 | 0 | S65 and ("multi lumen" or "multi-lumen") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:27 |
| S69 | 7 | S65 and opening | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:37 |
| S70 | 4270 | ((206/341) or (206/364) or (206/370) or (206/438) or (206/438) or (206/476) or (206/478) or (206/479) or (604/103.04) or (604/536) or (606/192)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/03 07:26 |
| S72 | 0 | S65 and (knitting or fusing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:37 |
| S74 | 188 | "l10" and catheter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:39 |
| S75 | 93 | S74 and (knitting or fusing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:39 |

| S76 | 1362 | S70 and catheter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:39 |
|---|---|---|---|---|---|---|
| S77 | 98 | S76 and (knitting or fusing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:39 |
| S78 | 17 | S77 and (package or packaging or storage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/25 16:40 |
| S79 | 30 | (("4216860") or ("2002130059") or ("0820781") or ("0782868") or ("3,851,649") or ("4,085,845") or ("5,031,768") or ("5,284,244") or ("5,339,955") or ("5,353,929") or ("5,441,152") or ("5,947,284") or ("6,047,815") or ("6,557,704")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/07 08:47 |
| S80 | 2 | ("0782868").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/25 16:49 |
| S81 | 1 | graft-joanna.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/26 12:04 |
| S82 | 2 | ("6,382,568").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/26 08:33 |
| S83 | 3 | ("6902057").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/26 08:35 |
| S84 | 234 | tube adj divider | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/26 08:36 |

| S85 | 218 | ((tube or catheter or wire) adj (divider or separator or organizer)). ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/26 08:36 |
|---|---|---|---|---|---|---|
| S86 | 39 | ("0268407" \| "3210816" \| "3483494" \| "3503391" \| "3654047" \| "3696920" \| "3721234" \| "3727658" \| "3738359" \| "4466430" \| "4476860" \| "4793483" \| "4944311" \| "4988062" \| "5005590" \| "5010899" \| "5036866" \| "5059271" \| "5074316" \| "5098048" \| "5195538" \| "5222507" \| "5224674" \| "5226892" \| "5316246" \| "5334186" \| "5339831" \| "5383476" \| "5389082" \| "5427338" \| "D271903" \| "Re27710").PN. OR ("D378408").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/26 09:19 |
| S87 | 144 | (("2,286,462") or ("2,910,981") or ("3,144,868") or ("3,460,255") or ("4,072,153") or ("4,134,402") or ("4,248,224") or ("4,309,994") or ("4,385,631") or ("4,405,313") or ("4,642,101") or ("4,490,138") or ("4,568,329") or ("4,692,141") or ("4,737,141") or ("4,804,359") or ("4,808,155") or ("4,820,265") or ("4,895,561") or ("4,925,452") or ("4,951,665") or ("5,041,101") or ("5,098,412") or ("5,100,395") or ("5,120,299") or ("5,120,304") or ("5,156,592") or ("5,209,723") or ("5,221,255") or ("5,236,016") or ("5,254,084") or ("5,273,534") or ("5,279,599") or ("5,318,517") or ("5,338,308") or ("5,405,320") or ("5,405,341") or ("5,458,582") or ("5,476,453") or ("5,509,897") or ("5,569,182") or ("5,599,304") or ("5,624,413") or ("5,685,867") or ("5,713,853") or ("5,718,692") or ("5,720,735") or ("5,776,111") or ("5,785,686") or ("5,797,869") or ("5,800,414") or ("5,807,311") or ("5,807,318") or ("5,891,111") or ("5,904,670") or ("5,947,953") or ("5,957,912") or ("5,989,206") or ("6,001,079") or ("6,099,513") or ("6,156,016") or ("6,190,349") or ("6,210,380") or ("6,450,988") or ("6,482,169") or ("20020099326") or ("6,475,207") or ("6,494,875") or ("200310097091")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/07/26 08:52 |

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|---|---|---|---|---|---|---|
| S88 | 42 | ("3918446" \| "4397647" \| "4457754" \| "4498903" \| "4699616" \| "4754534" \| "4838878" \| "4897082" \| "4897900" \| "4988338" \| "5073170").PN. OR ("5226892"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/26 08:48 |
| S89 | 83 | ("3116730" \| "3338019" \| "3367483" \| "3481462" \| "3517806" \| "3568679").PN. OR ("3696920"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/26 08:48 |
| S91 | 6 | S87 and (storage or sterilization) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/26 08:55 |
| S92 | 421 | hemodialysis adj catheter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/26 08:58 |
| S93 | 24 | (hemodialysis adj catheter).ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/26 08:59 |
| S94 | 4 | S87 and (package or packaging) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/26 09:00 |
| S95 | 122 | S92 and (packaging or storage or sterilization) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/26 09:00 |
| S96 | 0 | S93 and (packaging or storage or sterilization) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/07/26 09:00 |
| S97 | 12 | ("3696920" \| "4163372" \| "4262985" \| "4457080" \| "5312270" \| "5352136" \| "6027369" \| "6240857" \| "6340317" \| "6345873" \| "RE35030").PN. OR ("6629615"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/26 09:07 |
| S98 | 128 | "catheter holder" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/07/26 09:19 |

| S99 | 19 | "catheter holder".ti. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/07/26 09:23 |
|---|---|---|---|---|---|---|
| S10<br>0 | 7 | (("4925452") or ("3696920") or<br>("5226892")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/08/07 08:23 |
| S10<br>1 | 94 | (("20040167463") or<br>("20040243095") or<br>("20040249338") or<br>("20050054990") or<br>("20050113862") or<br>("20060064159") or<br>("20070005003") or ("4249536") or<br>("4307722") or ("4576589") or<br>("4581025") or ("4759378") or<br>("4790310") or ("4950257") or<br>("4957488") or ("4957489") or<br>("4994040") or ("4995865") or<br>("5015231") or ("5069664") or<br>("5176637") or ("5203776") or<br>("5215614") or ("5221255") or<br>("5234450") or ("5243995") or<br>("5300032") or ("5320602") or<br>("5351693") or ("5363853") or<br>("5386828") or ("5569218") or<br>("5632734") or ("5667514") or<br>("5792104") or ("5842994") or<br>("5897537") or ("5947953") or<br>("5972019") or ("6064905") or<br>("6066158") or ("6171275") or<br>("6183435") or ("6190349") or<br>("6228062") or ("6383205") or<br>("6450975") or ("6494891") or<br>("6786884") or ("7048695")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/08/08 07:22 |
| S10<br>3 | 8307 | (604/19,48,93.01,181,187,192,264,<br>523,284).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/08/03 07:39 |
| S10<br>4 | 4197 | (206/341,349,363,364,438,441,476,<br>477,478,479).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/08/03 07:56 |
| S10<br>5 | 2 | ("4,925,442").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/08/03 07:57 |

| S106 | 126 | melinyshyn | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:20 |
|---|---|---|---|---|---|---|
| S108 | 8 | S106 and (fuse or fusing or knit or knitting or melt or melting) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:20 |
| S109 | 89 | ("0701075" \| "2286462" \| "3144868" \| "3359974" \| "3400714" \| "3804097" \| "3823720" \| "3863632" \| "4072146" \| "4098275" \| "4134402" \| "4203436" \| "4385631" \| "4402683" \| "4405313" \| "4427012" \| "4432752" \| "4451252" \| "4493696" \| "4548597" \| "4568329" \| "4583968" \| "4619643" \| "4623327" \| "4654032" \| "4682978" \| "4692141" \| "4770652" \| "4808155" \| "4842582" \| "4895561" \| "4898669" \| "4925452" \| "5053004" \| "5053023" \| "5057075" \| "5059170" \| "5084013" \| "5100395" \| "5106386" \| "5107856" \| "5156592" \| "5167220" \| "5171216" \| "5197951" \| "5209723" \| "5221255" \| "5221256" \| "5236016" \| "5318517" \| "5334167" \| "5336220" \| "5338308" \| "5346471" \| "5350358" \| "5374245" \| "5378230" \| "5378241" \| "5380276" \| "5385548" \| "5405341" \| "5480380" \| "5549579" \| "5562618" \| "5599304" \| "5624413" \| "5683640" \| "5718692" \| "5776111" \| "5785686" \| "5800414" \| "5807311" \| "5947953" \| "6001079" \| "6074374" \| "6190349" \| "D272651").PN. OR ("6695832").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/03 08:27 |
| S110 | 8 | S109 and (fuse or fusing or knit or knitting or melt or melting) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/03 08:23 |
| S113 | 2582 | damage and ("split tip" or "dual lumen" or "multi lumen" or split$2tip or dual$2lumen or multi$2lumen) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:41 |

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|---|---|---|---|---|---|---|
| S11 5 | 789 | S113 and (storage or sterilization or store or sterilize or shipping or ship or shipment or transit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:31 |
| S11 6 | 645 | S115 and catheter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:31 |
| S11 7 | 299 | S116 and (fuse or fusing or melt or melting or knit or knitting or join or joining) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:32 |
| S11 9 | 6229 | (((allow or allowing or providing) near$2 (surgeon or doctor or nurse or physician)) near$2 (select or choose or create )) and ("split tip" or "dual lumen" or "multi lumen" or split$2tip or dual$2lumen or multi$2lumen) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:43 |
| S12 0 | 3955 | S119 and (split or divide or cut or pull or tear) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:44 |
| S12 1 | 56 | S120 and splittable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/03 08:56 |
| S12 3 | 2 | ("5620419").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/03 08:55 |
| S12 4 | 3 | (("6,190,349") or ("5,947,953")). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/03 08:59 |
| S12 5 | 2 | ("6592565").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/03 09:00 |

| S12 6 | 76 | paper adj hole adj punch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/07 08:45 |
|---|---|---|---|---|---|---|
| S12 7 | 2 | ("6382568").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/07 08:47 |
| S12 8 | 2659 | weakened near3 (openings or apertures or slits) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/07 14:59 |
| S12 9 | 2 | ("5924740").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/07 14:59 |
| S13 0 | 7 | ("3883161" \| "4726608" \| "4815766" \| "4943239" \| "5190319" \| "5522732" \| "5658161").PN. OR ("5924740").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:04 |
| S13 1 | 185 | "loose leaf" and tear and hole | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:05 |
| S13 2 | 2 | ("4729688").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/07 15:05 |
| S13 3 | 146 | S131 and paper | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:09 |
| S13 4 | 47 | S133 and perforated | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:14 |
| S13 6 | 39 | S131 xor S133 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:10 |
| S13 7 | 10 | S134 and polyethylene | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:17 |
| S13 9 | 1951 | perforated near paper | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:17 |

| S140 | 998 | S139 and (hole or slit) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:17 |
|---|---|---|---|---|---|---|
| S141 | 123 | S140 and polyethylene | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:19 |
| S142 | 4937 | "printing paper" and hole | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:20 |
| S143 | 488 | "printing paper" and hole and perforated | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:20 |
| S144 | 223 | "printer paper" and hole and perforated | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:20 |
| S145 | 109 | S144 and print$4.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:21 |
| S146 | 33 | S145 and paper.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:21 |
| S147 | 20 | ("1373700" \| "1419649" \| "1616071" \| "1897654" \| "1930202" \| "2610723" \| "4390296" \| "4431237" \| "4515490").PN. OR ("4717273").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:25 |
| S148 | 15 | "continuous stationary" and slit | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:26 |
| S149 | 0 | "continuous stationary".ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:26 |
| S150 | 239 | "printer paper" and (hole or slit) and perforated | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:28 |
| S151 | 161 | "dot matrix" and paper.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:31 |
| S152 | 23353 | perforated and continuous and paper | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:32 |
| S153 | 6779 | S152 and printing | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:32 |
| S154 | 4349 | S153 and (hole or slit) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:32 |

| S15 5 | 1291 | S154 and tear | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:32 |
|---|---|---|---|---|---|---|
| S15 6 | 53 | S155 and paper.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:32 |
| S15 7 | 25 | ("1681168" \| "2257765" \| "3325188" \| "3339827" \| "3554438" \| "3837565" \| "4051995").PN. OR ("4508365").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:34 |
| S15 8 | 8716 | paper and slit and binder | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:35 |
| S15 9 | 208 | S158 and "loose leaf" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:35 |
| S16 0 | 8 | S159 and paper.ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:38 |
| S16 1 | 99 | "x-shaped slit" or "x shaped slit" or "'x' shaped slit" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:38 |
| S16 2 | 1185 | "polyethylene paper" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/07 15:50 |
| S16 3 | 283025 | paper.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/07 15:50 |
| S16 4 | 158 | S162 and paper.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/07 16:07 |
| S16 5 | 4 | ("2003029020").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/07 15:57 |

| S166 | 32 | ("0813928" \| "1023715" \| "1443092" \| "1525777" \| "1557170" \| "1699631" \| "1911398" \| "2313285" \| "2650109" \| "3297342" \| "3595554" \| "4624595" \| "4655388" \| "4795287" \| "4971361" \| "5586829" \| "5876145" \| "6086281" \| "6409409" \| "6439093" \| "6450634" \| "6752427").PN. OR ("7077597").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/07 15:59 |
| S167 | 2 | ("5667871").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/07 16:07 |
| S168 | 4 | ("2003029020").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/07 16:07 |
| S169 | 2 | ("5047121").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/08 06:24 |
| S170 | 0 | ("(s101ors56)andinch").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/08 07:23 |

| S17 1 | 144 | (("2286462") or ("2910981") or ("3144868") or ("3460255") or ("4072153") or ("4134402") or ("4248224") or ("4309994") or ("4385631") or ("4405313") or ("4642101") or ("4490138") or ("4568329") or ("4692141") or ("4737141") or ("4804359") or ("4808155") or ("4820265") or ("4,895561") or ("4,925452") or ("4,951665") or ("5,041101") or ("5,098412") or ("5,100395") or ("5,120299") or ("5,120304") or ("5,156592") or ("5209723") or ("5221255") or ("5236016") or ("5254084") or ("5273534") or ("5279599") or ("5318517") or ("5338308") or ("5404320") or ("5405341") or ("5,458582") or ("5,476453") or ("5,509897") or ("5,569182") or ("5,599304") or ("5,624413") or ("5,685867") or ("5,713853") or ("5,718692") or ("5,720735") or ("5,776111") or ("5,785686") or ("5,797869") or ("5,800414") or ("5,807311") or ("5,807318") or ("5,891111") or ("5,904670") or ("5,947953") or ("5,957912") or ("5,989206") or ("6,001079") or ("6,099513") or ("6,156016") or ("6,190349") or ("6,210380") or ("6450988") or ("6482169") or ("20020099326") or ("6475207") or ("6494875") or ("200310097091")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/08 07:23 |

| S17 2 | 94 | (("20040167463") or ("20040243095") or ("20040249338") or ("20050054990") or ("20050113862") or ("20060064159") or ("20070005003") or ("4249536") or ("4307722") or ("4576589") or ("4581025") or ("4759378") or ("4790310") or ("4950257") or ("4957488") or ("4957489") or ("4994040") or ("4995865") or ("5015231") or ("5069664") or ("5176637") or ("5203776") or ("5215614") or ("5221255") or ("5234450") or ("5243995") or ("5300032") or ("5320602") or ("5351693") or ("5363853") or ("5386828") or ("5569218") or ("5632734") or ("5667514") or ("5792104") or ("5842994") or ("5897537") or ("5947953") or ("5972019") or ("6064905") or ("6066158") or ("6171275") or ("6183435") or ("6190349") or ("6228062") or ("6383205") or ("6450975") or ("6494891") or ("6786884") or ("7048695")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2007/08/08 07:23 |
| S17 3 | 45 | (S172 or S171) and inch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/08/08 07:23 |